EverFocus Quick Reference Guide - Color Cameras

CCTV Lens

Auto Iris & Vari-Focal Lens

Model No.	Description
EFV-358	Vari-Focal 3.5~8.0mm manual iris
EFV-358DC	Vari-Focal 3.5~8.0mm auto iris
EFV-416	Vari-Focal 4~16mm manual iris
EFV-416DC	Vari-Focal 4~16mm auto iris
EFV-550	Vari-Focal 5~50mm manual iris
EFV-550DC	Vari-Focal 5~50mm auto iris

Fixed Iris & Mini Board Lens

Model No.	Description
FL-2520	2.5mm lens
FL-3620	3.6mm lens
FL-4320	4.3mm lens
FL-6020	6.0mm lens
FL-8020	8.0mm lens
FL-1220	12.0mm lens
FL-1620	16.0mm lens

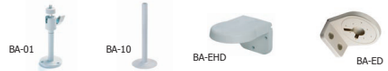
Master Power Supplies

Resettable, UL Listed & Lifetime Warranty!!

Model No.	Description
DCR4-3.5-2UL	Output: 4 / Voltage: 12V / Amps: 4
DCR8-3.5-2UL	Output: 8 / Voltage: 12V / Amps: 4
DCR8-8-2UL	Output: 8 / Voltage: 12V / Amps: 8
DCR16-8-2UL	Output: 16 / Voltage: 12V / Amps: 8
DCR16-12-2UL	Output: 16 / Voltage: 12V / Amps: 16
AC4-1-2UL	Output: 4 / Voltage: 24V / Amps: 4.2
AC8-3.5-2UL	Output: 8 / Voltage: 24V / Amps: 4.2
AC8-2-2UL	Output: 8 / Voltage: 24V / Amps: 8.2
AC16-2-2UL	Output: 16 / Voltage: 24V / Amps: 8.4
AC16-4-2UL	Output: 16 / Voltage: 24V / Amps: 16.8

Mounting Brackets

Model No.	Description
BA-01	Mounting bracket. Aluminum. Max load: 3 kg / 6.6 lbs 165 (H) x 57 (O.D) mm / 6.5" (H) x 2.2" (O.D)
BA-03	Mounting bracket. Plastic. Max load: 3.5 kg / 7.7 lbs 160(H) x 80(O.D) mm / 6.3"(H) x 3.1"(O.D)
BA-05	Mounting bracket. Aluminum. Max load: 10 kg / 22lbs 85 (H) x 135 (L) x 285 (H) mm / 3.3" (H) x 5.3" (L) x 11.2" (H)
BA-ED	"L" Style Mounting Bracket for ED Series Mini Domes
BA-EHD	"L" Style Mounting Bracket for EHD Series Rugged Domes
BA-10	Ceiling Mount Bracket for EPD200, 623.82 mm / 24.56"
BA-11	Ceiling Mount Bracket for EPD200, 299.97 mm / 11.81"



Camera Housings

Model No.	Description
FH-7153	Outdoor camera housing with top cover and lock. Aluminum. 113 (W) x 106 (H) x 352 (D) mm / 4.5" (W) x 4.2" (H) x 13.9" (D)
FH-7153H	Outdoor camera housing with top cover, lock and heater. 24VAC, 17W power consumption. Aluminum. 113 (W) x 106 (H) x 352 (D) mm / 4.5" (W) x 4.2" (H) x 13.9" (D)
FH-7153HB	Outdoor camera housing with top cover, lock, heater and blower. 24VAC, 187.68W power consumption. Aluminum. 140 (W) x 115 (H) x 373 (D) mm / 5.5" (W) x 4.5" (H) x 14.7" (D)

Power Adaptors

Model No.	Description
AD-1	Power Supply 110V 500mA, DC 12V
AD-1T	Power Supply 110V 300mA, DC 12V
AD-2F	Power Supply 110V 500mA, AC 24V
AD-4	Power Supply AC 12V, DC 13V/1A
AD-4F	Power Supply 1.5amp, AC 24

Category	Polestar Series with True Day/Night			Wide-Dynamic	560 TVL Cameras						520 TVL Cameras		
Model No.	EQ550	ED550	EZ550	EHD650	EQ350	EI350	EHD350	EZ350	ED350	EHD525EX	EHD300	EFD300	ED300
Lens	Lens Sold Separately	f=2.9~10mm	Vari-Focal 6~50mm	f=9~22mm f=2.9~10mm	Lens Sold Separately	f=3.8~9.5mm/F=1.2	f=2.9~10mm f=9~22mm/F=1.6	f=3.8~9.5mm/F=1.2 f=9~22mm/F=1.6	f=3.8~9.5mm/F=1.2 f=9~22mm/F=1.6	f=9~22mm f=2.9~10mm	f=9~22mm f=2.9~10mm	f=3.7~12mm/F=1.4	f=4~9mm/F=1.5
Description	Polestar Super Low Lux, True Day/Night	Polestar Super Low Lux, True Day/Night	Polestar Super Low Lux, True Day/Night	Wide-Dynamic, True Day/Night Rugged Dome	Aluminum Box Housing	Lens Integrated	Rugged Dome	Bullet Style	Mini Dome	Day/Night Rugged Dome	Rugged Dome	Indoor Recessed Dome	Indoor Mini Dome
Sensor Chip	Sony	Sony	Sony	Digital Pixel System	Sony	Sony	Sony	Sony	Sony	Sony ExView CCD	Sony	Sony	Sony
Image Size	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Horizontal Resolution	560 TVL	560 TVL	560 TVL	480 TVL	560 TVL	560 TVL	560 TVL	560 TVL	560 TVL	560 TVL	520 TVL	520 TVL	520 TVL
Sensitivity	0.002 lux/F=1.2	0.002 lux/F=1.2	0.002 lux/F=1.2	0.08 lux/F=1.2 (SS On)	0.5 lux/F=1.2	0.5 lux/F=1.2	0.5 lux/F=1.2	0.5 lux/F=1.2	0.5 lux/F=1.2	0.01 lux/F=1.2	0.1 lux/F=1.2	0.1 lux/F=1.2	0.1 lux/F=1.2
Video S/N Ratio	Over 50dB (AGC Off)	Over 50dB (AGC Off)	Over 50dB (AGC Off)	Over 48dB	Over 48dB (AGC Off)	Over 48dB (AGC Off)	Over 48dB (AGC Off)	Over 48dB (AGC Off)	Over 48dB (AGC Off)	Over 52dB (AGC Off)	Over 48dB (AGC Off)	Over 48dB (AGC Off)	Over 48dB (AGC Off)
Backlight Comp.	OSD Setting	OSD Setting	OSD Setting	OSD Setting	On/Off Switch	On/Off Switch	On/Off Switch	On/Off Switch	On/Off Switch	On/Off Switch	On/Off Switch	On/Off Switch	On/Off Switch
Sync. Mode	Line Lock / Internal Sync.	Line Lock/Internal Sync.	Line Lock/Internal Sync.	Line Lock/ Internal Sync.	Line Lock/ Internal Sync.	Line Lock/ Internal Sync.	Line Lock/ Internal Sync.	Line Lock/ Internal Sync.	Internal Sync.	Line Lock/Internal Sync.	Internal Sync.	Internal Sync.	Internal Sync.
Power Supply	12VDC/24VAC	12VDC/24VAC	24VAC	24VAC	12VDC/24VAC	12VDC/24VAC	12VDC/24VAC	12VDC/24VAC	12VDC/24VAC	12VDC/24VAC	12VDC/24VAC	12VDC/24VAC	12VDC/24VAC
Vandal Proof	No	Yes	Yes	Yes	No	No	Yes	No	No	Yes	Yes	Yes	No
Weatherproof	No	No	IP66	IP66	No	No	IP66	IP66	No	IP66	IP66	No	No
Heater	No	No	Yes	Yes	No	No	Yes	Yes	No	Yes	No	No	No
Day/Night	Yes	Yes	Yes w/IR LEDs	Yes	No	No	No	No	No	Yes	No	No	No
Wide-Dynamic	No	No	No	Yes	No	No	No	No	No	No	No	No	No

Category	Infrared Cameras				PTZ Cameras				380 TVL Cameras							
Model No.	ECZ330	EZ230E/ EZ235E	ED230/ ED330	ECZ230	EPTZ500	EPTZ900	EPTZ1000	EPTZ3000	ED200	EQ250	EPD200	ECD230	EQ200	ESD200	EM200	EB200
Lens	f=4.3mm/F=2.0 f=8mm/F=2.0	6 or 8 mm (EZ230E) 8,16 or 25mm (EZ235E)	4.3mm	f=4.3mm/F=2.0 f=6.0mm/F=2.0 f=8.0mm/F=2.0	18x Optical (12x Digital) f=4.1mm (Wide) to 73.8mm (tele)	18x Optical (12x Digital) f=4.1mm (Wide) to 73.8mm (tele)	18x Optical (12x Digital) f=4.1mm (Wide) to 73.8mm (tele)	30x Optical (8x Digital) f=3.3mm (Wide) to 99.0mm (tele)	f=3.6mm*	Lens Sold Separately	f=3.8~9mm	f=3.6mm	Lens Sold Separately	f=4.3mm/F=2.0	f=3.6mm*	f=3.6mm*
Description	Mini IR Bullet	Long Range IR Bullet	Mini IR Dome	Mini IR Bullet	Recessed PTZ	PTZ Dome	Day/Night PTZ	Wide-Dynamic Day/Night PTZ	Mini Dome	Aluminum Box Housing	Indoor Pendent Dome	Micro Mini Dome (Approx. 3" in diameter)	Box Housing	Covert (Fake Smoke Detector)	Metal Case	Camera Module
Sensor Chip	Sony	Sony	Sony	Sony	Sony	Sony	Sony	Samsung	Sony	Sony	Sony	Sony	Sony	Sony	Sony	Sony
Image Size	1/3"	1/3"	1/3"	1/3"	1/4"	1/4"	1/4"	1/4"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"	1/3"
Horizontal Resolution	480 TVL	380 TVL	380 TVL (ED230) 480 TVL (ED330)	380 TVL	460 TVL	460 TVL	480 TVL	Color: 520 TVL B/W: 570 TVL	380 TVL	380 TVL	380 TVL	380 TVL	380 TVL	380 TVL	380 TVL	380 TVL
Sensitivity	0 lux/IR On 0.1 lux/F=1.2	0 lux/IR On 0.3 lux/F=1.2	0 lux/IR On ED230(0.3lux/F=1.2) ED330(0.4lux/F=1.2)	0 lux/IR On (0.3 lux/F=1.2)	1.0 lux/F=1.4	1.0 lux/F=1.4	0.5 lux/F=1.2	Color: 0.3 lux/F1.6 B/W: 0.05 lux/F1.6	0.3 lux/F=1.2	0.25 lux/F=1.2	0.3 lux/F=1.2	0.3 lux/F=1.2	0.3 lux/F=1.2	0.3 lux/F=1.2	0.3 lux/F=1.2	0.3 lux/F=1.2
Video S/N Ratio	Over 48dB (AGC Off)	48dB	48dB	48dB	Over 50dB	Over 50dB	Over 50dB	Over 50dB	Over 48dB (AGC Off)	Over 48dB (AGC Off)	Over 48dB (AGC On)	Over 48dB	Over 48dB (AGC Off)	Over 48dB (AGC On)	Over 48dB	Over 48dB
Backlight Comp.	Yes	Yes	Yes	Yes	OSD Setting	OSD Setting	OSD Setting	OSD Setting	Yes	On/Off Switch	Yes	Yes	On/Off Switch	Yes	Yes	Yes
Sync. Mode	Internal Sync.	Internal Sync.	Internal Sync.	Internal Sync.	Line Lock/ Internal Sync.	Line Lock/ Internal Sync.	Line Lock/ Internal Sync.	Line Lock/ Internal Sync.	Internal Sync.	Line Lock/ Internal Sync.	Internal Sync.	Internal Sync.	Internal Sync.	Internal Sync.	Internal Sync.	Internal Sync.
Power Supply	12VDC	24VAC	12VDC	12VDC	3.5 amp, 24VAC	3.5 amp, 24VAC	3.5 amp, 24VAC	3.5 amp, 24VAC	12VDC	12VDC/24VAC	12VDC/24VAC	12VDC	12VDC/24VAC	12VDC	12VDC	12VDC
Vandal Proof	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No
Weatherproof	IP66	IP66	No	IP66	No	IP66	IP66	IP66	No	No	No	No	No	No	No	No
Heater	No	No	No	No	No	Yes	Yes	Yes	No	No	No	No	No	No	No	No
Day/Night	IR	IR	IR	IR	No	No	No	Yes	No	No	No	No	No	No	No	No
Wide-Dynamic	No	No	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No

*Also available with 2.5mm, 4.3mm, 6mm, 8mm, 12mm and 16mm lens

EverFocus Quick Reference Guide - Digital Video Recorders

Category	High Recording Rate DVRs	DVRs w/Built-in DVD Burner		Compact Size DVRs	Mobile DVRs
Model No.	EDR920/EDR1620/EDR1640	EDVR16D3	EDVR4D1/EDVR9D1/EDVR16D1	EDR410H / EDR810H	EDR410M / EDR810M
Recording Rate	Up to 240 FPS (EDR920 & EDR1620) Up to 480 FPS (EDR1640)	Up to 480 FPS	Up to 120 FPS	Up to 120 FPS	Up to 120 FPS
Compression	MPEG4	MPEG4	MPEG4	MPEG4	MPEG4
DVR Size	Full Size	Full Size	Full Size	Half Size	Half Size
Channel	9 & 6	16	4 / 9 / 16	4 & 8	4 & 8
Hot Swappable Bay	2	No	No	1	1
Hard Drive Size	160 / 250 / 320 / 500 /750 / 1000 / 1500 GB	500 / 1000 / 1500 GB	160 / 250 / 500 / 1000 / 1500 GB	160 / 250 / 500 / 750 GB	60 / 120 GB
Operation Type	Live, Record, Archive, Network & Playback	Live, Record, Archive, Network & Playback	Live, Record, Archive, Network & Playback	Live, Record, Archive, Network & Playback	Live, Record, Archive, Network & Playback
Networking Card	10/100MB	10/100MB	10/100MB	10/100MB	10/100MB
Individual Ch. Motion & FPS	Yes	Yes	Yes	Yes	Yes
Global Ch. Motion & FPS	No	No	No	No	No
Flash Card Slot	No	No	No	No	No
Internal Hard Drive	No	2	2	No	No
USB	1	2	2	1	1
External USB DVD option	Yes	No	No	Yes	Yes
Expandable Disk Array Option	Yes	Yes (SCSI Port Feature)	No	No	No
Remote Control	Included	Included	Included	Included	Included
Monitor Output	BNC & S-Video	VGA, BNC & S-Video	VGA & BNC	BNC	BNC
Internal DVD Burner	No	Yes	Yes	No	No
PTZ Control Over Network	Yes	Yes	Yes	Yes	Yes
Audio Channel	4	4	4	2	2
Mouse Control	Yes	Yes	Yes	No	No

DVR Accessories

Model No.	Description
EPR200	USB 2.0 external DVD burner for EDR Series DVRs
EPR100C	Hard drive reader for EDR Series DVRs

EPR200

EPR100C

EDA800S Expandable Disk Array

Host Interface	Ultra 160 LVD SCSI (up to 160MB/sec. transfer rate) Ultra DMA mode (up to 133MB/sec. transfer rate)
Hard Disk Type	Supports ATA 133/100/66/33 hard drive
SCSI Port	For daisy chain (up to 7 disk arrays max.) Selectable SCSI ID (from 0 to 15)
Disk Expansion	Supports 200GB/250/300 GB hard disk with Big Drives Technology
Capacity	6TB per EDA800S (w/8x 750GB max.) / 42TB (with up to 7x EDA800S max.)
Power Source	115~240VAC, 50/60 Hz
Power Consumption	400W
Operating Temp.	0°C~50°C / 32°F~122°F
Dimension	Approx. 496 (L) x 431.8 (W) x 101.6 (H) mm / 19.5" (L) x 17" (W) x 4" (H)

EDA800S

PowerCon 4.1

PowerCon 4.1 Network Management Software

Processor	PC Pentium IV (1.6 or higher) / AMD Athlon (1.8 or higher)
Operating System	Windows XP, Service Pack 2
VGA Card	32 MB min., 16.7 million colors with DirectX 9.0C support
USB	2.0 interface
Memory	512 MB RAM 30 MB free HD space for installation Min. 10 GB free HD space for storage
Media Player	Microsoft Media Player, version 8.x or higher DirectX 9.0C
Mapview	Visualization of CCTV systems in areas or buildings with scalable maps/graphics (BMP or JPEG format)
Operation	Live and playback view
Supported DVRs	EDR410H/EDR810H, EDR410M/EDR810M EDR920/EDR1620/EDR1640, EDVR16D3, EDVR16D1/EDVR9D1/EDVR4D1
System Checker	Integrated background port checker with alarm function for availability of DVRs and cameras in network support of external programs
Archive	Video archive to client PC hard drive, print images from client PC to local printer
Alarm	Network alarm reception and management
Access Rights	Advanced user rights management with individual user rights for functions and systems access

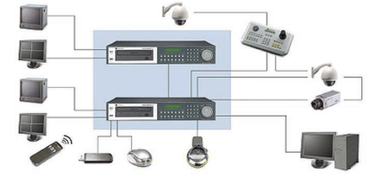
A True Manufacturer

EverFocus does not just import products and hope that it works. EverFocus designs, creates and manufactures its products. We are able to extend our warranty because we know that our cameras are built for durability. EverFocus puts its products through rigorous testing before releasing to the general market. When you purchase EverFocus, you can be assured that you are purchasing quality products. We stand behind our products, and we are focused on providing innovation and service excellence.

EverFocus®

Systems Design Consultation

EverFocus facilitates Integrator partners with CCTV and Access Control solutions. We are here to assist you in determining the appropriate equipment and layout for any major security system projects - in schools, university campuses, healthcare facilities, retail facilities, casinos and other locations.



Design Configuration Includes:

- CCTV Design
- CCTV Integration
- CCTV System Upgrades
- Access Control Design

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Camera Warranty

Category	Warranty Period (Parts & Labor included)
Fixed Domes	5 years* / 3 years
Indoor Vari-Focal	5 years* / 3 years
Vandal Domes	5 years* / 3 years
Box Cameras	5 years* / 3 years
Lens Integrated	5 years* / 3 years
PTZ Cameras	1 year
Lens & Accessories	1 year

*When purchased on or after January 1st, 2008, the following cameras have a new extended 5 year warranty:

Category	Cameras
Fixed Domes	ED100 & ED200
Indoor Vari-Focal	ED300, ED350, EFD300, EPD200
Vandal Domes	EHD150, EHD300, EHD350, EHD525, EHD650
Box Cameras	EQ200, EQ250, EQ350, EQ550, EQ600
Lens Integrated	EI350, EZ180, EZ350

Digital Video Recorder Warranty

Category	Warranty Period (Parts & Labor included)
DVRs	3 years
Hard Drives	3 years
Accessories	1 year

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